



Cypress Semiconductor



Image may be representation. See specifications for product details.

S6E2D55G0AGE20000

Part Number:	S6E2D55G0AGE20000
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 384KB FLASH 120LQFP
Datasheets:	 1.S6E2D55G0AGE20000.pdf  2.S6E2D55G0AGE20000.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6665 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

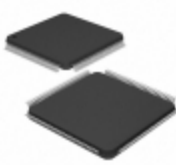
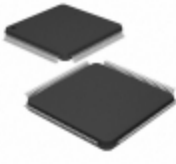
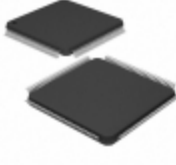
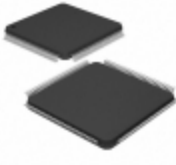
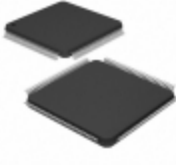
Specifications of S6E2D55G0AGE20000

PART NUMBER	S6E2D55G0AGE20000
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 384KB FLASH 120LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6665 pcs
DATA SHEET	 1.S6E2D55G0AGE20000.pdf  2.S6E2D55G0AGE20000.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	120-LQFP (16x16)
SPEED	160MHz
SERIES	FM4 S6E2D5
RAM SIZE	36K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	384KB (384K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	120-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	98
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F FM4 S6E2D5 Microcontroller IC 32-Bit 160MHz 384KB (384K x 8) FLASH 120-LQFP (16x16)
DATA CONVERTERS	A/D 24x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CANbus, CSIO, EBI/EMI, I²C, LINbus, SPI, UART/USART, USB

Related Tags

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Related Products

 S6E2D35GJAMV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 120LQFP In stock: 4905 pcs RFQ	 S6E2D55GJAMV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 120LQFP In stock: 6018 pcs RFQ
 S6E2D35J0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 176LQFP In stock: 6275 pcs RFQ	 S6E2D55G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 120LQFP In stock: 6424 pcs RFQ
 S6E2DF5G0AGE20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 120LQFP In stock: 5884 pcs RFQ	 S6E2D55G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 161BGA In stock: 6556 pcs RFQ
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